Imsi®

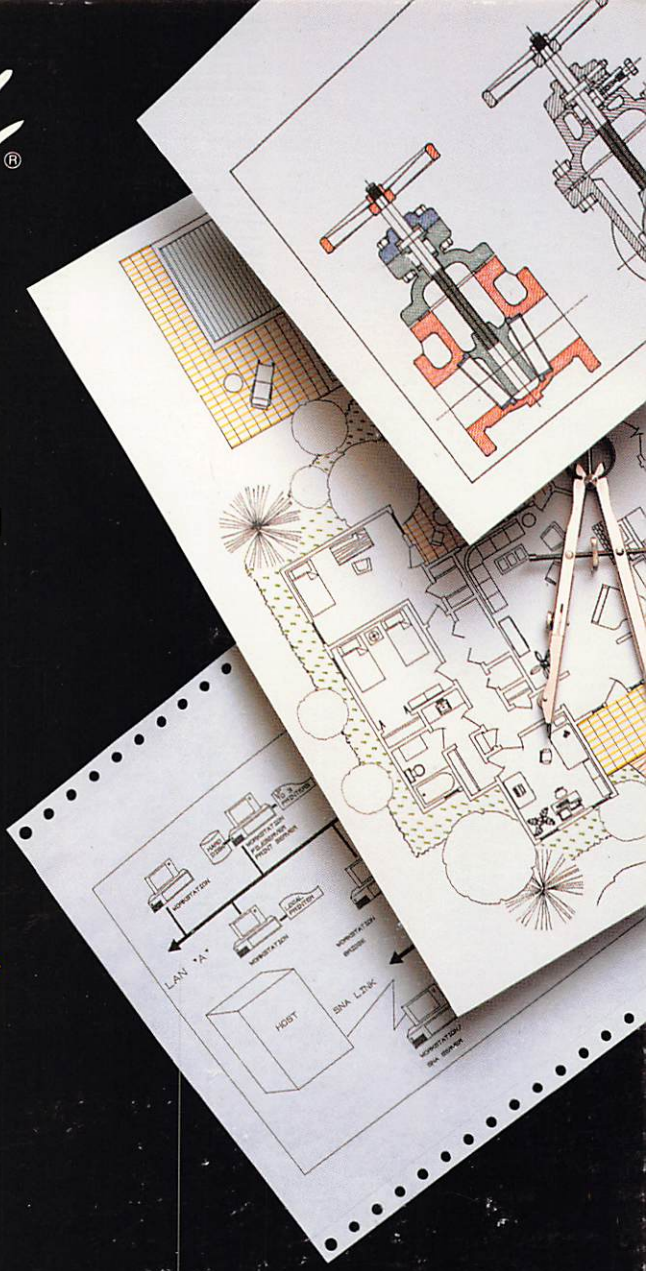
SYMBOLS LIBRARIES

INCLUDES:

BASIC HOME DESIGN

HOME & OFFICE FURNISHINGS

BUSINESS FLOW CHARTING & SCHEDULING



TURBOCAD SYMBOL LIBRARIES

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SYMBOLS LIBRARIES

Includes:

Basic Home Design
Home and Office Furnishings
Business Flowcharting and Scheduling

IMSI™

1938 Fourth Street
San Rafael, CA 94901
Tel (415) 454-7101 • Fax (415) 454-8901
BBS (415) 454-2893

IMSI (UK) Limited
Unit 17 Brook Lane Business Centre
Brentford, Middlesex, TW80PP, United Kingdom
Tel (081) 758-1447 • Fax (081) 758-1667

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RTC408W 0493

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Installation & Use with TurboCAD for Windows

Installation

TurboCAD for Windows symbol libraries install just like any other Windows program: Place the disk in a floppy drive and select **Run...** from the **File** menu in the Windows Program Manager. Assuming your diskette is in the B: drive, type **B: SETUP** in the Command Line box. The installation program will show you the default installation path for the symbol libraries (C:\TCADWIN\SYMBOLS). If you have named your TurboCAD directory something else, or if you want to place the symbol libraries in a different directory, you may edit the location. Otherwise, press **<ENTER>** to accept the default drive and directory.

TurboCAD Symbol libraries may consist of more than one file. For example, the Bathroom symbols are in two library files — BATH1.SLW and BATH2.SLW.

Inserting Symbols Into a Drawing

Adding symbols to your drawings is a simple process: you open the library containing the symbol you want (**File | Open Library**), choose the desired symbol, select a reference point on the symbol, specify any scaling or rotation factors, and insert the symbol.

1. Select **File | Open Library**. With the Open Library dialog box, use the **Drives** and **Directories** options to open the directory containing the symbol libraries. If you used the default installation, open the \TCADWIN\SYMBOLS directory. The Symbol Selection dialog box appears and the library's name appears on the title bar. On the left-hand side of the dialog box is a list of the symbols in the library. When you highlight a symbol name, TurboCAD displays it in the preview area of the dialog box.
2. Choose the desired symbol from the list of symbol names, or search for a symbol by sight by scrolling the list on the right. You can search for a symbol by entering its name or part of its name in the text box at the top of the dialog box; TurboCAD highlights the first symbol that matches the search text.

   When a symbol name is highlighted, its description appears in this text box. This is the information that is associated with symbols using the **Edit | Group | Set Info** command in TurboCAD.

   You can open another symbol library by choosing **File | Open Library** or by clicking the **Open** button in the Symbol Selection dialog box. A library remains open until you click the **Close** button in the Symbol Selection dialog box, or exit TurboCAD.

   To switch between open symbol libraries, choose the desired library from the drop-down list in the Symbol Selection dialog box.
3. To see all the symbols in a library at once, click on the **View All** button. When you click on the desired symbol, TurboCAD displays it in the preview area of the dialog box.

   To close the View All window without selecting a symbol, double-click on the Close box in the upper left-hand corner of the window.
4. Preview the symbol. To magnify it, click on the **Zoom** button. To close the zoomed view, click on the close box.

   If you will need to rotate the symbol when you insert it, select the **Rotation** option. This allows you to use your mouse to rotate the symbol. If you want to rotate the symbol by a specific degree, make sure this option is not checked.
5. When the desired symbol appears in the preview area of the Symbol Selection dialog box, click on the symbol to define a reference point.

TurboCAD automatically activates the **Nearest Point Snap** mode, so the cursor will snap to the nearest defined point on the symbol.

When you choose a reference point, TurboCAD activates the last drawing which you used. The symbol is rubberbanded, or attached, to the cursor. The Symbol Selection dialog box remains open. If the selected symbol is complex, you may only see a rectangle representing the size of the symbol.

6. You may scale or rotate the symbol by entering values in the corresponding text boxes on the edit bar. To re-scale or rotate a symbol after you have inserted it, use the **Edit | Move** tool.
7. Using the appropriate Snap mode, select the point at which you wish to insert the symbol. TurboCAD inserts the symbol with the reference point you previously indicated positioned at the indicated insertion point. If you are using the **Rotation** option, use the desired Snap mode to align the rotated symbol around the insertion point.

   If you are using the **Rotation** option, hold down the **<Shift>** key and TurboCAD limits the rotation to the Ortho Angle as specified with the **Options | Drawing Setup** command.
8. TurboCAD remains in the Insert Symbol mode so you can place multiple copies of a symbol. To stop inserting the symbol, press **<Esc>** or click on the **Cancel** button. To insert a different symbol, or select a different insertion point on the same symbol, click on the Symbol Selection dialog box to activate it.

See Appendix E of your TurboCAD for Windows Users Guide for further help in using symbol libraries.

Scaling

Make sure that you choose a scale relevant to the symbols you are using. For example, when using Construction Details or Landscaping symbols, a common scale is 1:48 (1/4" =1'-0"). If you leave the scale at 1:1, your symbol may be too big to fit on the screen.

To check the scale of a symbol library, open the library as a drawing using the **Open...** command in the **File** menu. Then open the **Options** menu and select **Drawing Setup...** to check the scale of the library. Be sure to close the library drawing again before attempting to insert any symbols from it.

Installation & Use of TurboCAD for DOS

Installation

Place the disk in a floppy drive and, assuming you are using the A: drive, type the following at the DOS prompt:

A: **<Enter>**
Install **<Enter>**

The installation program will automatically show you the default installation path for the symbol libraries (C:\TC\LIB). If you have named your TurboCAD directory something else, or if you want to place the symbol libraries in a directory in a different location, you may edit the location. Otherwise, press **<ENTER>** to accept the default path and directory.

TurboCAD Symbols are organized in groups of approximately 150 Symbols per library file. That means that libraries may consist of more than one file. For example, the Bathroom symbols are in two library files — BATH1.TSL and BATH2.TSL.

Opening Symbols Libraries

In order to use these symbols you must load the libraries into TurboCAD. Click on the **Files** pull down menu or press **<ALT+F>**, and then choose **Use Library**. A list of installed libraries will appear. To determine which files to use, refer to the library filename at the top of each printed library reference page. Double click on the name of the library you wish to look at, and after a few seconds the library will appear on the screen.

Inserting Symbols

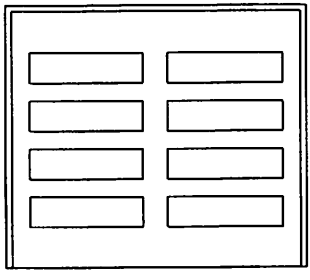
To insert a symbol into a drawing, click on a symbol. An enlarged preview window will appear. Click on desired reference point to place the symbol into the clipboard for insertion. Return to your drawing by pressing **<Alt+F6>** or by using the **Window** pull-down menu (you do not have to close the symbol library). In the **Main Menu** box on the right hand side select **Insert Symbol**. Move the cursor to the position where you want the symbol to appear (remember to use an appropriate snap mode) and click to insert the symbol.

Scaling

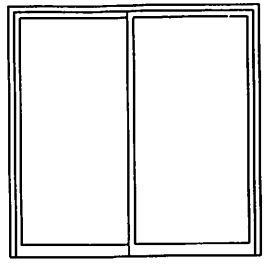
When using TurboCAD Symbol libraries, make sure you choose a scale relevant to the symbols you are using. For example, when using Construction Details or Landscaping symbols, use a scale of 1:48 (quarter inch scale). If you leave the scale at 1:1, your symbol may be too big to fit on the screen. Refer to your TurboCAD user's manual for more instructions on using symbol libraries.

Basic Home Design 1-1

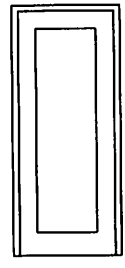
Single Garage Door, 8'



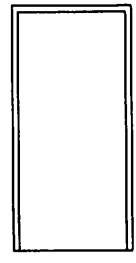
Patio Door, 6'



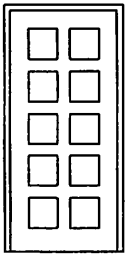
Back Door, 2'6''



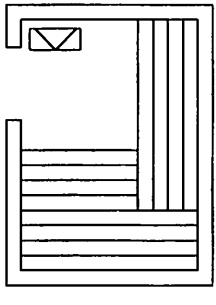
Smooth Outside Door, 3'



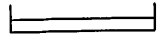
Panelled Interior Door, 2'6''



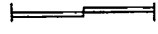
Sauna



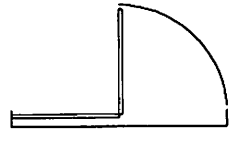
Window, 4'



Bypass Door, 4'



Left Opening Doors Atrium, 6'



Patio, 6'

Left Opening Door, 2'6''

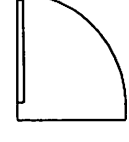
Sliding Doors

2'

2'6''

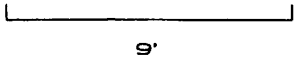
Right Opening Door, 2'6''

Exterior, 3'

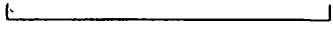


Garage Doors

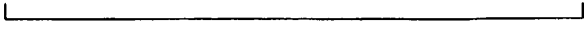
8'



9'

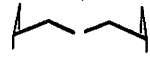


16'

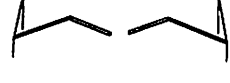


Closet Doors

4'



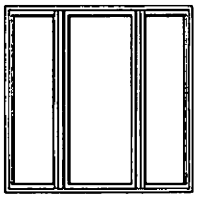
6'



Basic Home Design 1-2

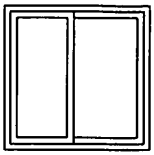
Bay Window

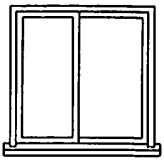
6'0'' x 6'3''



Sliding Windows, 4' x 4'

Picture Window



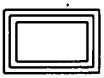


Awning Window

4' X 2'

Basement Window

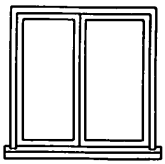
2'8'' x 1'7''

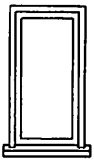


Half Round, 3'

Round Window, 2'

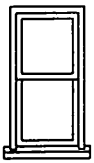
4' x 4' Casement Windows 2' x 4'





Double Hung Window

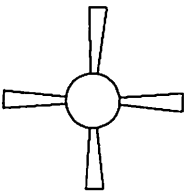
2' x 4'



Woodstove

Furnace

Ceiling Fan

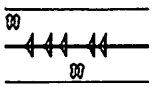


Closet

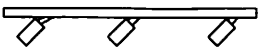
Fanlite

Exhaust Fan

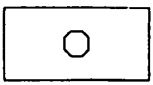
Clothes Rail



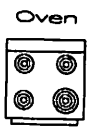
Track Light

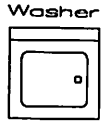


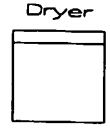
2'x4' Skylite

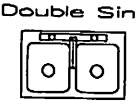


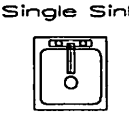
Basic Home Design 1-3

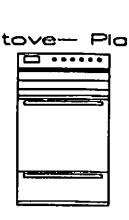


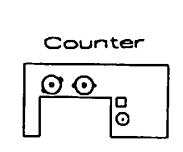


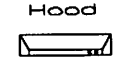


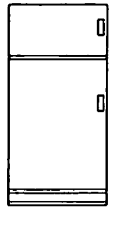


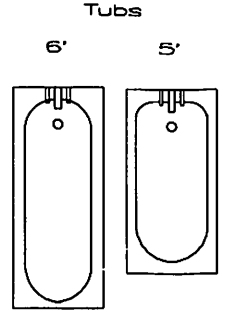


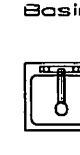


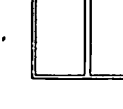


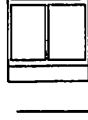


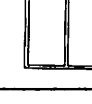


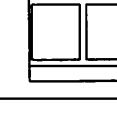












CABINETS

Basic Home Design 1-4

Tree Types

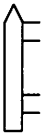
1 Plan

2 Plan

1 Side

2 Side

Picket Fence



End Piece

North Marker

Shrubs

Side

Plan

Electrical Outlet 110V, Floor

Smoke Detector

Doorbell

Double Switch

3'' Pole Support Column

o

Light

Electrical Outlet 110V

Electrical Outlet Switched

TV Jack

Electrical Outlet 220V

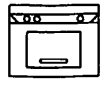
Telephone Jack

Switch

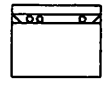
Home and Office Furnishings 1-1

Microwave Oven

Washing Machine



Clothes Dryer



Speaker

Bookshelves

30x12 33x13

Closets

30x15 33x18

Stereo Amplifier

Tape Player

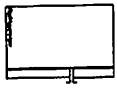
Wastebin

Turntable

Plant

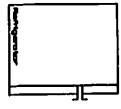
Refrigerators

36x24



30x30

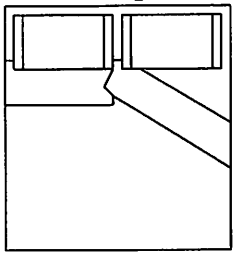
36x30



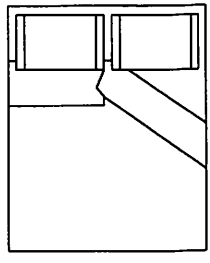
Office Fridge

Beds

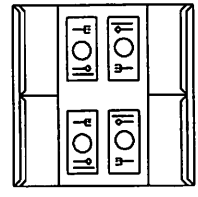
King



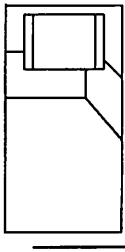
Queen



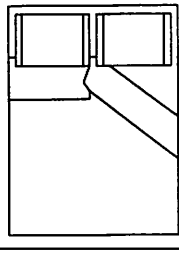
Kitchen Table



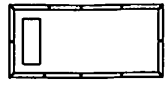
Twin



Double

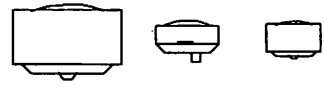


Crib

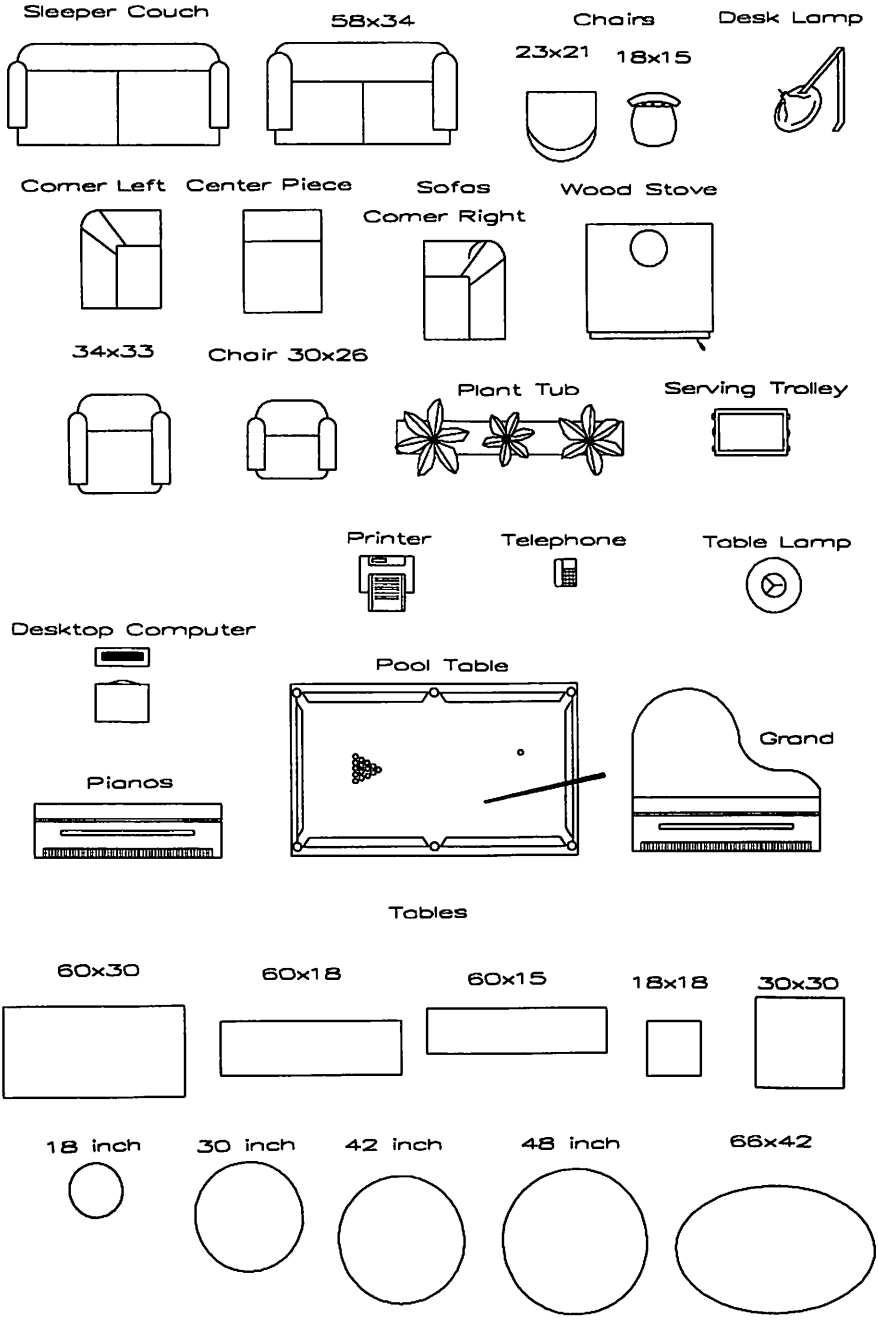


Televisions

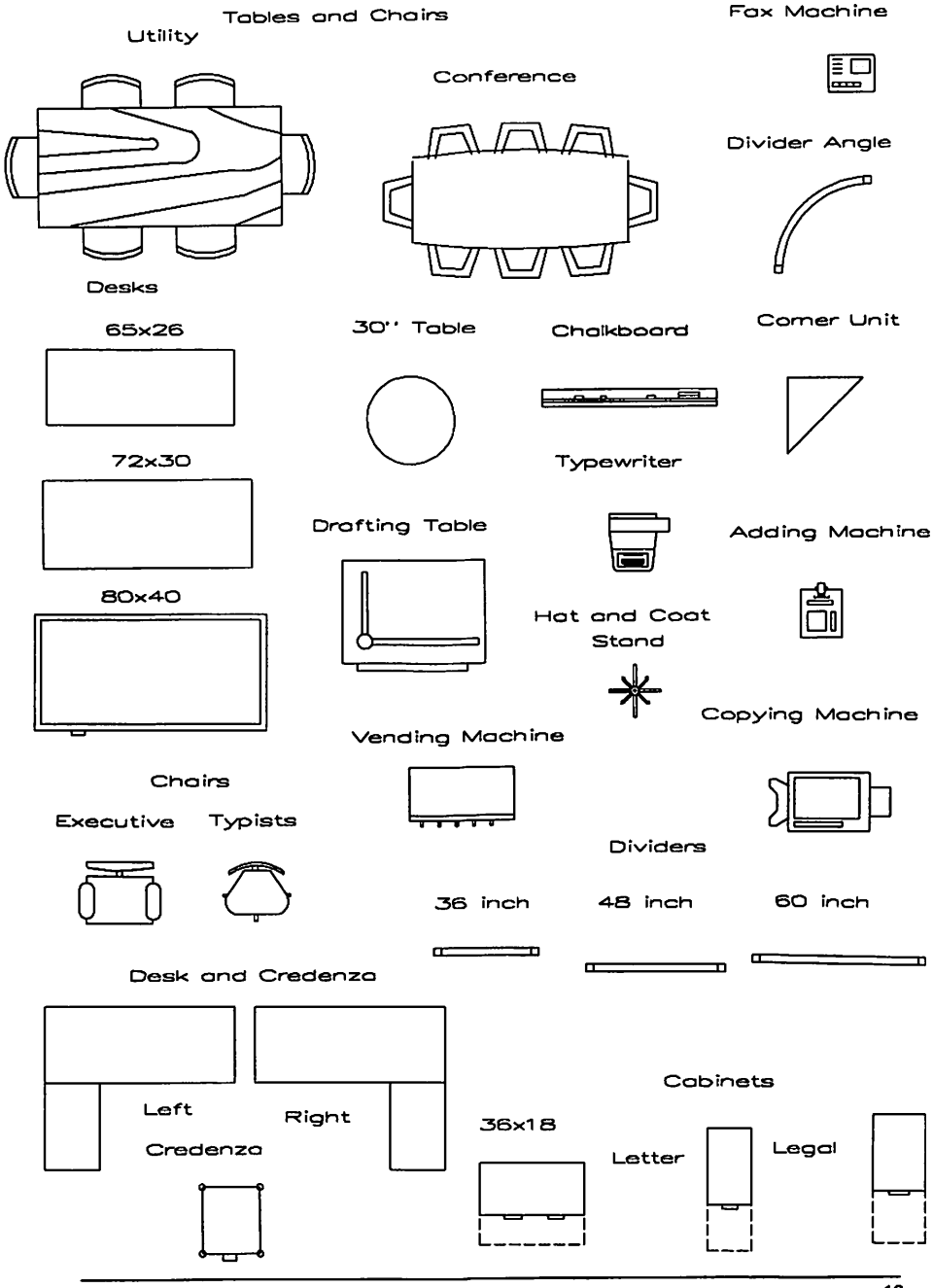
25 inch 19 inch 13 inch



Home and Office Furnishings 1-2



Home and Office Furnishings 1-3



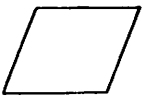
Business Flowcharting and Scheduling 1-1

Rectangle
Process

Long Rectangle
Process

Square
Process

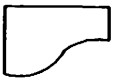
Slanted Rectangle
Input/Output



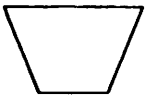
Large
Slanted Rectangle
Input/Output

Polygon Box
Manual Operation

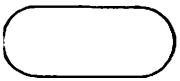
Multiple Document
Used with F108



Document



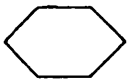
Large Polygon Box
Manual Operation



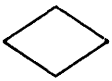
Rounded Box
Terminal Point

Large
Rounded Box
Decision

Communications
Communication Link



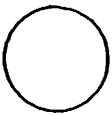
Polygon
Preparation



Large Diamond
Decision

Diamond
Decision

Circle
Connector



Large Circle
Control Point/General

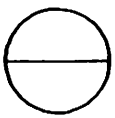
Triangle-Upright
Extract

Triangle Inverted
Merge/Temp File

Left Triangle
General

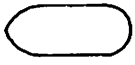
Right Triangle
General

Circle with Line
Manual Process



Large Circle with Line
Manual Process

Business Flowcharting and Scheduling 1-2

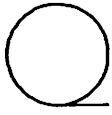


Polygon
Terminal Display

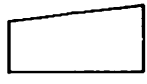
Large Polygon
Terminal Display

Polygon
Transmittal Display

Polygon
Punched Tape



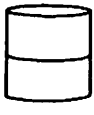
Circle with Line
Magnetic Tape



Polygon
Manual Input

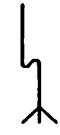
Polygon
Punched Card

Polygon
Card Deck



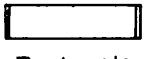
Drum
Magnetic Disk

Drum
Magnetic Disk

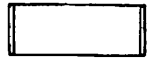


Communication
Comm Link

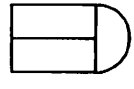
Communication
Bidirectional



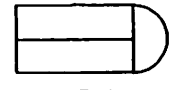
Rectangle
Predefined
Process



Large Rectangle
Predefined Process

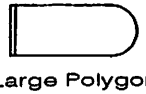


Polygon
Definite Iterations

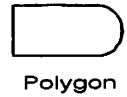


Large Polygon
Definite Iterations

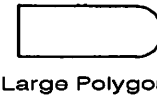
Polygon
While Iteration



Large Polygon
While Iteration



Polygon
Indefinite Iterations



Large Polygon
Indefinite Iterations

Triangle in Circle
Actual Dates

Arrow in Circle
Program Dates

Diamond in Circle
Pgm Date Variances

Triangle in Square
Contract Actuals

Business Flowcharting and Scheduling 1-3

Box 1/4 Inch Schedule Line

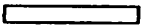
Box 1/2 Inch Schedule Line

Box 1/4 Inch Filled Schedule Line, Completed

Box 1/2 Inch Filled Schedule Line, Completed

Parallel Lines 1/2 Inch Schedule Line

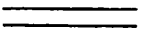
Large Box 1/2 Inch Schedule Line



Large Box 1 Inch Schedule Line

Large Box 1/2 Inch Filled Schedule Line, Completed

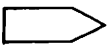
Large Box 1 Inch Filled Schedule Line, Completed



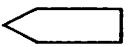
Parallel Lines, 1 Inch Schedule Line

Medium Arrow Right

Medium Arrow Left



Large Arrow Right



Large Arrow Left

Arrowhead Right

Arrowhead Left

General Arrow Right

Arrowhead Up

Arrowhead Down

General Arrow Right

General Arrow Left

Offpage Connector

JAN January	**FEB** February	**MAR** March	**APR** April
MAY May	**JUN** June	**JUL** July	**AUG** August
SEP September	**OCT** October	**NOV** November	**DEC** December

1938 Fourth Street
San Rafael, CA 94901
(415) 454-1701
Fax (415) 454-8901 • BBS (454) 454-2938

IMSI (UK) Limited
Unit 17 Brook Lane Business Centre
Brentford, Middlesex, TW8 OPP, U. K.
Tel: (081) 758 1447 • (081) 758 1667